

The impact of mutual aid on the Pitman Fire Department

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CERTIFICATION STATEMENT

I hereby certify that this paper constitutes my own product, that where the language of others is set forth, quotation marks so indicate, and that appropriate credit is given where I have used the language, ideas, expressions, or writings of another.

Signed:\_\_\_\_\_

### Abstract

The problem is the Pitman Fire Department is receiving an increase in calls for service outside of our jurisdiction and no formal aid agreements exist. The purpose of this research is to identify the impact of the increased call volume on the Pitman Fire Department. A descriptive research method was employed to determine what type of aid the department is providing to other communities, how response assignments are determined, what the costs are to the residents of Pitman and how participating in mutual aid agreements benefits the Pitman Fire Department and the residents of the borough. The research indicated a number of areas in which participating in reciprocal mutual aid agreements can benefit the Pitman Fire Department if proper steps are taken to establish and assess the effectiveness of these agreements.

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## Introduction

The Pitman Fire Department has a proud history of providing fire protection services to the residents of the Borough of Pitman, New Jersey for over 100 years. Firefighting is an inherently dangerous profession and adequate staffing is required to deliver an efficient and safe operation. Departments must find ways to provide an adequate level of fire protection while dealing within current economic constraints. Over the years, the department has provided mutual aid assistance to numerous agencies throughout the region. With some departments dangerously low on personnel, reliance is being placed on neighboring agencies to provide assistance for emergency incidents on a continuous basis.

The problem is the Pitman Fire Department is receiving an increase in calls for service outside of our jurisdiction and no formal aid agreements exist. The purpose of this research is to identify the impact of the increased call volume on the Pitman Fire Department. This study will be performed using a descriptive research method to answer the following questions; (a) What type of aid is the department providing to other communities? (b) How are the response assignments determined? (c) How much is this costing the residents of Pitman? (d) Does this agreement benefit the Pitman Fire Department and the residents of the borough?

Data will be reviewed to identify changes in the number of responses to specific jurisdictions. Current response plans will be reviewed for content and compliance with the Fire Service Resource Deployment Act. The primary goal of this research is to assess the impact of the increased call volume on an all-volunteer fire department and to ensure its continued success during a time of decreased volunteerism. Ultimately, the overall goal is to provide adequate fire and rescue services to the residents of the Borough of Pitman in the most efficient and cost-effective means possible.

### Background and Significance

The Pitman Fire Department is an all-hazards response organization that serves the residents of the Borough of Pitman in Gloucester County, New Jersey. The department is comprised of 124 volunteer members participating in the two fire companies; the Pitman Fire Company #1 and the Highland Chemical Engine Company. Pitman Fire Company #1 operates one rescue company, one engine company and one ladder company. The Highland Chemical Engine Company operates two engine companies.

The year 2011 set a record for call volume. The department responded to 456 calls for service. This is an increase of 68 calls over the previous year. (Pierson & Austin, 2012) The number of responses has consistently grown over the past five years. Since 2008, the total number of calls for service has increased from 341 to 456. Much of this increase is due to an increase in requests for mutual/automatic aid assistance outside of the jurisdictional boundaries by neighboring departments. (K. Austin, personal communication, May 1, 2012)

Based on copies of municipal budgets provided upon request, the costs of providing emergency services in Pitman have been increasing over the last few years. The budget has increased every year since 2008; while numerous programs have been sacrificed due to budgetary constraints. Past and current leadership has focused its mission on continuing to provide rescue and suppression services, while reducing expenses in other program areas. The operational budget has increased from \$61,589 in 2008 to \$63,250 in 2011. Additionally, motor fuel expenses have increased from \$18,000 in 2008 to \$25,000 in 2011.

Data for the Pitman Fire Department is recorded via the National Fire Incident Reporting System (NFIRS) for reporting to the United States Fire Administration. Incident data for mutual aid assignments is detailed for the years 2008- 2011 in Appendix A.

The Pitman Fire Departments primary coverage area currently consists of 2.3 square miles of mostly residential properties. According to the 2010 census, the permanent resident population is 9,551. The borough has 3,923 housing units with 74.1% being owner occupied and 25.9% renter occupied (<http://factfinder2.census.gov/faces/tableservice>). Pitman has an uptown business district consisting of many small shops with apartments above, small restaurants and a 1200 seat theater built in 1920 that has recently received a major restoration. The borough is home to multiple apartment complexes, some light industrial facilities and a large nursing home. A majority of the buildings were built in the early 1900's thus providing a significant fire load and risk of conflagration. The current assessed value of real property within the Borough of Pitman is \$375,570,700. The average assessed home value is \$109,599.73 with a tax rate of 5.574 cents per \$100 of assessed value according to the tax collector for the Borough of Pitman. (B. Walls, personal communication, April, 2012)

Pitman is surrounded by the Borough of Glassboro, Township of Mantua, Township of Washington and Township of Harrison. Currently the Glassboro Fire Department and Mantua Township Fire District request automatic aid from the Pitman Fire Department on a daily basis for structure fire assignments. Glassboro requests a pumper truck from Pitman Fire Company #1 Monday – Friday 6AM to 6PM. Mantua Township requests a ladder truck 24 hours a day, 7 days a week from Pitman Fire Company #1 and a pumper from Highland Chemical Engine Company Monday- Friday 6AM to 6PM.

This applied research paper (ARP) is being conducted as part of the Executive Development course at the National Fire Academy as part of the Executive Fire Officer Program (EFOP). The class addressed ways to handle adaptive problems and challenges necessary to overcome them. This research will review the amount of assistance the Pitman Fire Department

is providing to other jurisdictions and assess the impacts of the increased call volume. The goal of this project is to create written mutual aid agreements to assist neighboring jurisdictions during a time of emergency while still providing adequate fire protection levels in the Borough of Pitman.

This study relates to the goals of the United States Fire Administration (USFA) by reducing risk at the local level through prevention and mitigation and improving the fire and emergency services capability for response to and recovery from all-hazards incidents. (United States Fire Administration [USFA], 2010, p. 13) Unit 7 of the Executive Development Course R123 is the basis for this research project since this problem requires an organizational culture change and management.

### Literature Review

A literature review was conducted with the purpose of seeking knowledge related to the following questions: what type of aid is the department providing to other communities, how are the response assignments determined, how much is this costing the residents of Pitman, and how does this service benefit the Pitman Fire Department?

Fire departments respond to more than 20 million emergencies in the United States each year. The fire service continues to take on additional responsibilities to be able to respond to all types of calls for service. These incidents create increased service demands; however the current economic downturn is causing insufficient budgets for staffing, training, and equipment. To address these issues, many departments are amending their current operational plans in regards to mutual and automatic aid incidents to ensure an adequate response to calls for service. (Simpson & Davison, 2006)



No fire department can handle every emergency without outside assistance. Every community has a responsibility to create mutual aid plans to organize outside resources in the event of a disaster, as well as being prepared to provide assistance when requested. The National Fire Protection Association (NFPA) classifies mutual aid as one of two forms. The first form is mutual aid that is reciprocal assistance provided by emergency services under a written plan among authorities having jurisdiction that is part of the communications center's dispatch protocol. The second form is automatic mutual aid. This consists of a plan developed by two or more departments for immediate joint response on first alarm assignments. (*NFPA 1720*, 2010, Chapter 3)

Disasters start and end at the local level. Modern day fire departments are expected to be able to respond to all-hazards emergencies in their jurisdictions. A government's failure to respond to and govern effectively during crisis situations and manage disaster-driven emergencies, according to Farazmand, "may result in the loss of legitimacy and cause system breakdown; it can create chaos and lead to crises with far-reaching consequences and uncontrollable outcomes." (2007, p. 149)

Society calls the fire department when they need assistance. Today's fire service responds to more than just fires. Marinucci (2009, p. 72) says "when an emergency happens; the fire department will be called. The department may not have the resources necessary to totally abate the emergency, but it will be expected to find the resources to handle the situation properly and safely." If the local fire department does not have the resources needed, they will need to be located in other agencies through mutual aid. It is up to the fire chief to identify these resources and consider them in the overall plan to handle emergencies. (Marinucci, 2009, p. 73)

Fire departments must be prepared for the types of emergencies that may occur in the community. Dr. William Jenaway states:

On some level, every community should assess the potential, type, and extent of hazards that may occur within the community. Once these risks are identified, the next step is to determine strategies to deal with these risks, resources needed to manage the risks if presented, and operational practices needed to manage a related incident. (Jenaway, 2006, p. 90)

The most important aspect of any risk assessment program is assessing potential harm to individuals. (Bruegman, 2012, p. 141) Bruegman discusses that an acknowledged risk is single-family residence hazards related to fire, on which many fire departments focus their staffing and equipment. Individual and small group risk incidents often define the makeup of services provided by the local fire department. Although all communities should be able to handle these types of incidents with the resources they have, many cannot. (Bruegman, 2012, p. 143)

In New Jersey, the Fire Service Resource Emergency Deployment Act requires each municipality to prepare and adopt a local mutual aid plan. This plan shall set forth policies and procedures to coordinate the effective utilization of fire service resources in those instances where the implementation of the local fire mutual aid plan is determined to be necessary or appropriate. Each local fire mutual aid plan shall be based upon the planning criteria, objectives, requirements, responsibilities and concepts of operation essential for the implementation of all necessary and appropriate protective or remedial measures to be taken in response to emergency incidents. (Fire Service Resource Emergency Deployment Act, 2003)

The mutual aid plan for the County of Gloucester, New Jersey requires that each municipal fire department shall participate in the county mutual aid plan and develop plans for

their communities with oversight from the county fire coordinator. The fire chief shall provide and update on an annual basis a complete inventory of apparatus and equipment to the county fire coordinator. The fire chief is responsible for establishing and updating on an annual basis a written mutual aid plan for their municipality. The local plan shall include a hierarchy for at least four alarms in each grid of their jurisdiction, to include rapid intervention and cover companies. This plan shall be submitted to the county fire coordinator for approval and entry into the computer aided dispatch system. (*GC Mutual Aid Plan*, 2006, p. 3)

Mutual aid agreements, as defined by Varone, (Varone, 2008, p. 326) are contracts between fire departments and municipalities to provide assistance in the event of an emergency. Agreements spell out the rights and responsibilities of parties involved. Agreements should include the scope of assistance to be provided, chain of command and authority having jurisdiction, workers compensation coverage and cost reimbursement, damage that occurs to equipment, as well as liability issues. An important consideration is who has the authority to enter into mutual aid agreements. Municipal fire departments need to secure the approval of the municipality and not just the fire chief for agreements to be enforceable, particularly when there may be a financial impact in the event of a large incident. (Varone, 2008, p. 328)

“Someone once said that money is the mother’s milk of politics- and the same could be said of government. Money is the backbone of government’s ability to provide services to the community it serves.” (Coleman, 2006, p. 43) In today’s economic climate, finances are at the forefront of all emergency services organizations and government entities. The lack of available funds has caused departments and local governments to closely assess the costs of delivering fire and emergency services.

Today's fire service leaders have a responsibility to operate within their budget. The fire chief no longer just responds to fires and stands on the front lawn wearing the shiny white helmet. Modern day fire chiefs and command staff must develop a budget and operate within the financial boundaries established. "Spending the taxpayers' money is not a difficult task. The bigger challenge is being able to acquire a sufficient amount of funding to provide an appropriate service level and to meet the expectations of the stakeholders." (Coleman, 2006, p. 43)

In the current fire service, not only are resources tight, but volunteers are also often overextended, thus limiting their ability to make additional contributions to their departments. Fire chiefs and administrators decisions to participate in a collaborative operation should include systemically assessing whether they are able to provide equipment and personnel that will be needed and expected for success and whether they have or can afford to assign appropriately skilled staff to represent the department. (Norris-Tirrell & Clay, 2010)

In some communities the large amount of responses outside of the jurisdiction has made it necessary to refuse to respond to requests for assistance, or to provide service only under a formal agreement that provides a fee for service. However, it is difficult for fire chiefs and elected officials to refuse to provide assistance when requested by neighboring departments. (International City Managers' Association [ICMA], 1967)

The International City Managers' Association [ICMA] goes on to state that the municipalities' insurance rates could be affected when providing outside assistance. Sending firefighters and emergency apparatus outside of the community puts them unavailable for assignments in the primary response area. This may have a negative impact on the insurance rates for property owners based on the Insurance Services Organization rating. In small

communities with limited resources this becomes extremely important to study before committing to providing the service. (ICMA, 1967)

A key portion of mutual aid assistance is the reciprocity of receiving services when needed in return for providing services. The concept of mutual aid is sometimes abused. Departments that are unable to answer an initial call will rely on mutual aid to cover the assignment. This increases the burden on the other department. True mutual aid should be utilized when back-to-back calls are received, or when an incident is bigger than the resources that are on hand and additional people or equipment is needed. (International Association of Fire Chiefs Volunteer and Combination Officers Section, IAFC VCOS, p. 16)

It is important that all participants involved have a sense of shared risk and reward of the objective. Each participant plays an important role in the success of the organization. Ultimately, participants must determine if the potential benefits are worth the investment. An essential question for participants should be about the correlation of their agency's mission with that of the collaborative effort. "The more direct the connection, the more likely that participation will be mutually beneficial." (Norris-Tirrell & Clay, 2010, p. 85)

No matter what type of resource is being shared, there may be benefits and drawbacks to sharing it with other organizations. (Tschirhart, Amezcuca, & Anker, 2009) A question that the fire chief must ask is what will the sharing of the resource due to its value? Will the value increase, decrease, or remain the same? We define the value of a resource by the organizations' need for the specific resource to operate and achieve organizational objectives. (Tschirhart et al., 2009) The availability of specific resources changes when collaborating with other departments. Fire chiefs must ask themselves; "if my agency shares a resource are we likely to get more, the same, or less of it than if my agency does not share it?" (Tschirhart et al., 2009, p. 20)

Fire departments provide mutual aid responses on a daily basis throughout the United States of America. These responses are made to requests for service for emergencies of all types. A lesson learned from Hurricane Katrina is that coordination is the key to response systems. (Farazmand, 2007) Written aid agreements that are tested for effectiveness must be in place prior to events occurring. These plans should prepare for simultaneous and multiple crises or disasters. Through pre-incident testing, thinking about crises as sudden, unexpected and inconceivable events that may happen at any time and in any place will help to avoid surprises. (Farazmand, 2007) Plans must be continually updated to improve capabilities.

Testing of mutual aid plans will expose the vulnerabilities of the organization. “Unmeasured, untracked, and therefore often undetected, small inefficiencies can become large over a span of years, and eventually, cost-saving alternatives for those operations become understandably attractive.” (Ammons & Rivenbark, 2008, p. 309)

### Procedures

While attending the National Fire Academy in March 2012, I was required to cite an adaptive problem in my organization that would benefit from being the topic of an applied research project. During this class, students constructed a problem statement, a purpose statement, and research questions to be answered. For my project, a descriptive research method was utilized to complete this applied research project with the goal of identifying the impact of mutual aid on the Pitman Fire Department. Research began in the Learning Resource Center at the National Emergency Training Center located in Emmitsburg, Maryland in between class sessions while attending the two week resident course, Executive Development R123. A records search was performed through the electronic card catalog which resulted in several articles of interest, multiple reference books, journals, reports, magazines, newspaper articles and a small

amount of applied research projects that were completed by prior Executive Fire Officer Program students.

Upon completion of the course and returning to my hometown, I continued research at the Rowan University Library in Glassboro, New Jersey and the McCowan Memorial Library located in Pitman, New Jersey. These facilities were able to provide access to multiple reference books and reference journals through the interlibrary loan program.

To obtain financial data for the community I met with the tax collector for the Borough of Pitman, Mrs. Beth Walls on April 23, 2012. This meeting was held in her office located at the municipal building at 110 South Broadway, Pitman, New Jersey. She provided information on the assessed value of real property within the borough and provided the current tax rate.

A meeting was scheduled with Fire Marshal Kevin Austin at the Highland Chemical Engine Company on May 1, 2012. The purpose of this meeting was to review NFIRS data for the Pitman Fire Department for the years 2008- 2011. He graciously provided the requested data on a spread sheet broken down by incident type and location. This data was thoroughly reviewed to compare the number of responses within the Borough of Pitman and compared to that provided to neighboring jurisdictions.

An internet search of the New Jersey Statutes was performed to locate a copy of the Fire Service Resource Deployment Act. This act defined the requirements for mutual aid plans for fire departments operating in the State of New Jersey. During review of this act it was noted that the fire chief is required to create a mutual aid plan and update the plan on an annual basis. These plans shall be approved by, and kept on file with the county fire coordinator so they are readily available during large incidents. I reviewed the documents on file in the administration

office for the Borough of Pitman in an attempt to locate any current agreements for reference purposes. None were found.

To obtain a better understanding of the Fire Service Resource Deployment Act, a meeting was requested with the Regional Fire Coordinator, Captain Mike Gallagher from the New Jersey Division of Fire Safety. The meeting was held in early June over lunch at a local restaurant. During this meeting Coordinator Gallagher explained in detail the goals and intent of the act and its importance to the fire service in New Jersey. Captain Gallagher stressed the importance of having written mutual aid plans in place prior to incidents occurring to ensure the availability of necessary resources. He provided samples of written agreements currently in use in other departments and offered his assistance to updating current plans and agreements in place for the Pitman Fire Department.

An Open Public Records Act (OPRA) request form was submitted to the Borough of Pitman to request copies of the Pitman Fire Department budget for years 2008-2011. These documents were provided in electronic format with detailed information on funds budgeted and a breakdown of expenses. This information was documented and evaluated for any change in costs associated with the increased call volume.

### Results

The Pitman Fire Department provides assistance to any agency that requests help in accordance with the county mutual aid plan through the Gloucester County Emergency Response Center located in Clayton, New Jersey. This assistance is mainly in the form of fire apparatus and manpower on multiple alarm incidents when departments exhaust available local resources. Between the years of 2008 and 2011, the Pitman Fire Department has responded to 361 incidents outside of the legal boundaries of the Borough of Pitman. The majority of these incidents



occurred in the Borough of Glassboro and Township of Mantua and resulted in the apparatus being cancelled enroute and never making it to the incident location.

The following questions were researched to address the problem statement:

Research question a- What type of aid is the department providing to other communities?

The Pitman Fire Department has been participating in mutual aid agreements with neighboring communities for many years. As with most fire departments across the country, the Pitman Fire Department is not able to handle every type of incident by itself and must rely on mutual aid for incidents that exceed locally available resources. All of the research supported the use of mutual aid agreements; but strongly recommended pre-planning and researching these agreements prior to their implementation.

Currently resources from the Pitman Fire Department are dispatched as automatic mutual aid on structural assignments (dwellings, buildings & structures) in the Borough of Glassboro and Mantua Township. Both of these agencies are utilizing Pitman Fire Department resources to address staffing issues that they are currently facing. Structure fire assignments in the Borough of Glassboro receive a pumper to incidents between 6AM and 6PM on weekdays and two pumpers on all “working” fire assignments twenty four hours a day. Structure fire assignments in Mantua Township receive an aerial truck twenty four hours a day and an additional pumper during the weekday daytime hours. “Working” fires receive an additional pumper on all incidents.

Other neighboring jurisdictions request mutual aid support for incidents after exhausting available local resources. Washington Township, Harrison Township and the Borough of Clayton receive a pumper to cover a station on confirmed fires which then responds to the incident on the second alarm.

Mutual aid has been provided to neighboring jurisdictions between the years 2008 and 2011 as follows:

Borough of Glassboro	126
Mantua Township	149
Harrison Township	8
Washington Township	19
Borough of Clayton	10

The Pitman Fire Department has resources assigned to certain county regional task forces and strike teams. These resources are utilized for large fires and other incidents where multiple units are required for specific tasks. Most of the assignments for these units is providing regional coverage to areas when local resources are committed for long periods of time or for major fires needing significant resources to accomplish objectives. Engine 2832 is assigned to regional task force 5803, Rescue 2818 is assigned to task force 5802 and Ladder 2816 is assigned to the ladder strike team.

Research question b- How are response assignments determined?

The fire service is rich in tradition and brotherhood. These qualities have continued to lead the fire service for over 200 years. For years, fire departments have assisted each other when help was requested. Every fire department in America has a mutual aid agreement of some sort. Unfortunately, the research shows that many of the agreements in effect with the Pitman Fire Department are unwritten and agreed upon through handshake agreements. Although this has worked for many years, it is essential that mutual aid plans be written, detailed and adopted by proper authorities prior to being required for an incident.

Through my research, I found that the Pitman Fire Department has very few written mutual aid agreements. Through researching minutes of the Board of Fire Engineers' officer meetings, I was able to find reference to written mutual aid agreements in 2002. These agreements were in response to homeland security initiatives being put into place in response to the terrorist attacks that hit our nation on September 11, 2001. It appears that these agreements were with municipalities that bordered the Borough of Pitman. These were issued in December 2002 and expired in December 2006.

A copy of an updated agreement with the Washington Township Fire District was located, but that expired in December 2011. No updated plans were located for the Borough of Glassboro or Harrison Township. No agreement exists with the Mantua Township Fire District since they did not exist at the time and were the result of the merging of four companies into a fire protection district.

Although no valid mutual aid agreements were located specifically for fire department services, some are in place for specialized services. The emergency operations plan for the municipality has an agreement with the County of Gloucester to provide hazardous materials and terrorism response. An agreement is also in place with the County of Gloucester to provide Basic Life Support Emergency Medical Services to the community.

While performing this applied research project, I was presented with a copy of a county mutual aid agreement for the County of Gloucester. The intent of this agreement is to allow all resources within the county to be available to any municipality when requested to a large incident as declared by the county fire coordinator. This plan would provide access to resources outside of the local area when needed in attempt to provide a more effective response to disasters.

Research question c- How much is this costing the residents of the Borough of Pitman?

The Pitman Fire Department is an all-volunteer agency that provides fire and emergency services to the Borough of Pitman. As with every organization, proper finances are essential to keep the department operating. Limited funding is provided for fire protection purposes by the municipal government. Additional funding must be raised through fundraising activities and donations. The Pitman Fire Company #1 receives 100% of its operating budget from the municipality including capital purchases such as apparatus, facility upgrades and major equipment purchases. Funding for the Highland Chemical Engine Company is provided solely through fundraisers and donations. The membership of this company must also raise funds for the purchase of replacement apparatus and facility upgrades. Insurance coverage and motor vehicle fuel is provided by the municipality for both companies.

After reviewing the documents provided through the OPRA request, I was able to calculate the total amount of funds appropriated to the fire department. These items were broken down into specific programs including fuel, vehicle maintenance, training, equipment and fire prevention. Between the years of 2008 and 2011, the fire department budget increased from \$61,589 to \$63,250. Although the budget did not increase significantly, funds were re-appropriated towards different projects and line items during this time period. The largest increases were for vehicle maintenance and motor vehicle fuel costs. A detailed review of expenses shows a direct correlation between the increases in call volume and the increase in vehicle maintenance and fuels costs as compared to previous years. As the amount of use of the vehicles increases, the cost of operating them increases as well.

During the meeting with Fire Marshal Austin it was determined that no significant firefighter injuries have occurred on mutual aid assignments during the time period being

researched. The municipality is self-insured and maintains worker's compensation coverage on all employees and volunteers. Additionally they are required to maintain disability insurance on all volunteer firefighters by the State of New Jersey to protect them from loss of wages from their employer if they get injured as a firefighter. Due to the fact that no serious injuries have occurred to any Pitman Fire Department personnel while operating outside of the jurisdiction, there has been no direct financial impact on the taxpayers from these incidents at this time. Workers compensation coverage is required for all personnel and the costs do not vary based on call volume.

Based on the results of my research, the answer to this question is that the costs associated with the increase in call volume from mutual aid are: higher fuel costs, increased vehicle maintenance, and additional wear and tear on equipment.

Research question d- Does this agreement benefit the Pitman Fire Department and the residents of the borough?

The literature reviewed emphasized the importance for fire departments to maintain viable mutual aid agreements since no agency is one hundred percent capable of handling all emergencies on their own. However, the authors also stressed that these agreements must be equitable and reciprocal to continue to remain feasible. If the agreements become unfair, it could have a negative impact on all agencies involved. Successful mutual aid agreements require the cooperation of fire officials and the ability to work with other agencies to find solutions to staffing and resource requirements.

During the research for this project, the current run cards were reviewed to determine what resources are being provided to the Pitman Fire Department from other agencies. These run cards are created by the department chief as the authority having jurisdiction and submitted

to the Gloucester County fire coordinator for implementation. Fire chiefs are required to review and update these run cards on an annual basis for up to four alarms in accordance with the County Mutual Aid Plan and the Fire Service Resource Deployment Act.

At the time of review, the Pitman Fire Department was receiving automatic aid from the Mantua Township Fire Department for structure fires 24 hours a day/ 7 days a week on initial dispatch for specific assignments. This department provides a crew and rescue truck to serve as a dedicated rapid intervention crew on assignments for structure fires. No other agency was providing automatic aid to the Borough of Pitman on the initial dispatch of the assignment at the time of this study.

As for mutual aid, the Pitman Fire Department utilizes resources from bordering agencies on an as needed basis. On true fires that occur during the weekday hours, mutual aid is provided by the Washington Township Fire Department and the Glassboro Fire Department immediately upon confirmation of a “working” fire. As alarm levels increase, numerous other departments get involved in the incident. As for written agreements for receiving assistance, none currently exist other than for limited special operations and hazardous materials incidents.

Residents of the Borough of Pitman benefit greatly from participating in mutual aid with neighboring departments. The Pitman Fire Department is comprised entirely of volunteer personnel that provide quality fire and rescue services. Unfortunately, the Pitman Fire Department only has access to three pumper trucks, one ladder truck, one rescue truck and a small marine unit. These resources provide adequate fire protection for routine incidents, but in large scale incidents, additional resources and personnel must be requested from other agencies.

Many specialized resources that the Pitman Fire Department relies on are available from neighboring departments through the mutual aid system. This includes additional fire apparatus,

specialized rescue services, water tenders, brush fire equipment and hazardous material decontamination units. All of these resources respond immediately upon request of the incident commander.

### Discussion

The purpose of this this applied research project was to review the impact of mutual aid on the Pitman Fire Department. The Pitman Fire Department is a small volunteer department with a limited number of personnel available to respond to incidents, especially during the weekday hours. One of the biggest issues facing the department is the increase in the amount of mutual aid requests the agency is receiving from neighboring departments. As Simpson and Davison (2006) stated, many departments are changing their response plans to ensure adequate resources respond to incidents. Departments in southern New Jersey are no different and many have resulted to relying on automatic mutual aid for primary responses, especially during the weekday hours.

All of the literature reviewed agreed that no fire department is equipped to handle every incident alone; and the Pitman Fire Department is no different. Both Farazmand (2007) and Marinucci (2009) discuss the fact that all disasters begin at the local level and when they do occur, people will call the fire department for help. They both stress the importance of being capable of responding to these incidents quickly and effectively. The Pitman Fire Department does not have every possible resource to handle every potential disaster, but the research shows that plans are in place to obtain additional resources when they are needed. Although research shows that formal written agreements are not in place at this time, the author believes these documents could be drafted and implemented relatively easily.

Jenaway (2006) discusses how communities should perform risk assessments to identify specific hazards. Being that the fire department is now an all-hazards response agency and usually the first place people call for help, it is critical that modern day departments be involved in these hazard assessments. Bruegman (2012) talks of the importance of departments to be equipped and capable of handling fires at single family dwellings and other low risk incidents. The author agrees with this statement; however feels that departments should attempt to prepare to respond to incidents at all target hazards in their jurisdiction.

During the meeting with Captain Gallagher from the New Jersey Division of Fire Safety, it was clear of the importance of the Fire Service Resource Emergency Deployment Act. Not only is this act important to the fire service, it is a state law and departments must comply. During the research, it was noted that this act provides for assistance from agencies throughout the entire state when requested through the proper procedures. Most importantly, it provides for coordination of resources and ensures that no area suffers from a lack of fire protection during large scale incidents. The author agrees with the provisions included in this document and believes it can be of great assistance to the fire service in New Jersey.

While reviewing current mutual aid agreements it was noted that very few were written, and none were approved by resolution of the governing body. Varone (2008) discussed the legalities of entering into mutual aid agreements. Many of the items he recommends to include are beyond the purview of a fire chief. The complexity of these agreements requires detailed review by legal counsel and must be approved by the governing body. Based on the author's research of available documentation, formal agreements would need to be drafted and accepted by the borough council.



As Norris-Tirrell and Clay (2010) state, fire chiefs and government administrators must assess whether they are able to provide resources without a negative impact prior to entering into any mutual aid agreements. Much of the fire equipment in the Pitman Fire Department is owned by the municipality. This means the taxpayers purchased this equipment, insure it and provide maintenance and fuel. In this current economic crisis leaders must be conservative with spending taxpayers' money. Coleman (2006) mentions that it is not difficult to spend money, but it can be difficult to provide adequate services to the community it serves. Based upon the research, the author agrees with this, but also agrees with the ICMA (1967) in regards to the difficulty in not providing help when it is requested by neighboring departments.

The IAFC and NFPA both have definitions of mutual aid and automatic mutual aid. Research shows that many fire departments operate quite differently. Some request automatic mutual aid on initial dispatch of an assignment, some request automatic mutual aid upon confirmation of a true fire and others only request mutual aid when the incident needs exceed available resources. The author agrees that at many incidents additional assistance is required, but also agrees with Tschirhart, Amezcua and Anker (2009) that there are always benefits and drawbacks when sharing resources with other organizations. Fire service leaders must assess these elements when entering into mutual aid agreements to ensure they are directly connected to the agencies mission and mutually beneficial as Norris-Tirrell and Clay (2010) discussed.

The research showed that the Pitman Fire Department has been providing mutual aid to many communities for years. Farazmand (2007) discussed lessons learned from the destruction caused by Hurricane Katrina and stressed that coordination of resources is essential. Written plans must be in place and these plans must be tested for effectiveness before actual incidents occur. Ammons and Rivenbark (2008) discuss how small inefficiencies can become large over a

span of years thus requiring cost-saving alternatives to be implemented. Testing and measuring of the effectiveness of plans prior to actual incidents allows coordination to become more efficient.

Fire Marshal Kevin Austin provided the incident data for years 2008-2011 and discussed this data with the author in great detail. This data shows an increase of the total number of incidents as well as an increase in the number of incidents outside of the primary coverage area. (Austin, 2011) Analyzing of the budget for fire protection in the Borough of Pitman for years 2008-2011 also showed an increase in expenses; however this was not a significant amount. The author, as Chief of Department, has been able to operate within the allotted funding provided by redirecting funding priorities to different programs. Increases in fuel costs have been offset with a decrease in items such as training and new equipment purchases, however with funding decreasing this practice cannot continue forever. A follow-up conversation with the finance department showed that the small budgetary increases over the last four years did not have any significant impact on the tax rate for the community.

### Recommendations

This study shows strong support for the Pitman Fire Department participating in mutual aid agreements. Specifically, the study stresses the importance of being prepared to respond to emergencies of all types. Current fire departments are expected to be capable of handling every incident that occurs, even if it requires specialized resources the department does not possess. In these situations, fire officers are expected to be able to obtain the equipment through mutual aid agreements with other agencies. Implementation of mutual aid agreements can be a difficult task and requires the cooperation of all parties involved. Participants need to focus on the potential rewards and not be influenced by politics or other personal issues. Improved customer service to

the residents of the Borough of Pitman must be the main priority in any discussion. The author's recommendations are as follows.

- Perform a needs assessment for the Pitman Fire Department. This should include current equipment and staffing levels and compare that to the needs for emergencies that could occur in the response area. The needs assessment should be performed by the command staff and presented to the Pitman Board of Fire Engineer's for discussion. Schedule department wide meetings for all members to relay the findings of this study and discuss recommendations of other studies on the impact of mutual aid. Keep personnel informed to promote buy-in and encourage suggestions from other members in regards to the topic.
- Educate the governing body of the municipality in regards to this topic and the benefits of participating in a reciprocal mutual aid agreement. Distribute this study and other studies in regards to this topic to the Mayor, council members and municipal solicitor for review. The Department Chief should be available to answer questions and address concerns received from the elected officials.
- Host a meeting with the chiefs of neighboring departments that are involved in the local mutual aid plan. This should include the Chief of the Glassboro Fire Department, Washington Township Fire District, Mantua Township Fire District and the Harrison Township Fire District. During the meeting discuss types of assistance that can be provided and any barriers associated with providing aid during certain times or events. Parties should address concerns and perceptions of providing assistance, as well as expectations for reciprocal assistance.

- Review equipment, training and operating guidelines for the agencies involved to ensure interoperability. An effective mutual aid plan should address staffing levels, minimum training levels and equipment inventories that are available for specialized assistance.
- Develop a written mutual aid agreement consistent with the needs of the organization and community. This agreement should lead to improved efficiency and enhanced operations for the agency. Agreements should be reviewed by the municipal solicitor and approved by resolution of the governing body.
- Mutual aid agreements should be reviewed at least annually to assess for effectiveness. Since small inefficiencies can become large over a span of time, changes should be implemented based on changes in needs or available equipment and personnel.

Following these recommendations should improve operations within the Pitman Fire Department as well as those in neighboring agencies. Participating in a fair and cooperative mutual aid plan maximizes the utilization of available resources while reducing duplication of services. When departments cooperate, service levels increase and the public is rewarded with better fire and emergency services.

This topic is not specific to the Pitman Fire Department. Low staffing levels and limited budgets are causing departments nationwide to research alternative ways of providing the proper levels of protection. Mutual aid becomes more important to daily operations thus reinforcing the necessity of having written agreements in place before the emergency occurs. The author strongly recommends communicating with departments outside of Gloucester County and New

Jersey about this topic. Other departments' experiences can be of great assistance to the Pitman Fire Department.

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## Appendix A

## 2008 Mutual Aid Responses

<u>ADDRESS</u>	<u>INCIDENT #</u>	<u>DATE</u>	<u>TIME</u>	<u>CODE</u>	<u>SITUATION</u>	<u>District</u>
N DELSEA DR, Number 830	8000291	01/03/08	16:32:00	531	Smoke or odor removal	Glassboro
SAMBAR LANE, Number 124	8000310	01/03/08	18:41:00	700	False alarm or false call, other	Glassboro
S DELSEA DR, Number 120	8000506	01/05/08	14:23:00	531	Smoke or odor removal	Glassboro
STATION 26-1	8000507	01/05/08	14:28:00	571	Cover assignment, standby, moveup	Glassboro
LAUREL AVE, Number 200	8000686	01/07/08	10:52:00	611	Dispatched & canceled en route	Mantua
RT 41 AND RT 47	8000748	01/11/08	2:42:00	551	Assist police or other governmental agency	Deptford
DELSEA DR./CATTELL RD.	8000908	01/16/08	5:02:00	551	Assist police or other governmental agency	Deptford
AZURE LANE, Number 413	8000911	01/17/08	16:36:00	531	Smoke or odor removal	Mantua
TEXAS AVE, Number 802	8001816	01/18/08	21:16:00	571	Cover assignment, standby, moveup	Glassboro
ALFRED AVE, Number 313	8001875	01/19/08	19:13:00	550	Public service assistance, other	Glassboro
S GIRARD/ FRANKLIN RD	8001919	01/19/08	23:11:00	500	Service Call, other	Glassboro
S MAIN ST, Number 124	8001987	01/20/08	17:47:00	100	Fire, other	Glassboro
LAMBS RD./ WOODBURY-GLASSBORO	8002991	01/30/08	5:36:00	311	Medical assist, assist EMS crew	Mantua
EAST BLVD, Number 1204	8003471	02/03/08	6:38:00	571	Cover assignment, standby, moveup	Franklin
GLASSWYCKE DR, Number 103	8004375	02/11/08	7:42:00	611	Dispatched & canceled en route	Glassboro
N DELSEA DR, Number 698	8004562	02/12/08	16:36:00	611	Dispatched & canceled en route	Glassboro
Station 22-1	8005419	02/20/08	6:12:00	571	Cover assignment, standby, moveup	Mantua
N DELSEA DR, Number 1120	8006010	02/25/08	15:02:00	650	Steam, other gas mistaken for smoke, other	Glassboro
CLEMENTS BRIDGE RD./LOCUST GRO	8006628	03/02/08	13:48:00	551	Assist police or other governmental agency	Deptford
S DELSEA DR, Number 178	8006605	03/02/08	3:25:00	100	Fire, other	Glassboro
STATION 261	8006606	03/02/08	3:16:00	571	Cover assignment, standby, moveup	Glassboro
RT 322 STATION 29-1 SUB	8007085	03/05/08	22:58:00	571	Cover assignment, standby, moveup	Monroe
HIGGINS DR, Number 814	8007216	03/07/08	10:20:00	700	False alarm or false call, other	Glassboro
RED BANK AVE, Number 945	8007358	03/08/08	22:02:00	551	Assist police or other governmental agency	W. Deptford
PENNSYLVANIA, Number 1	8007800	03/11/08	6:38:00	571	Cover assignment, standby, moveup	Glassboro
WILMER ST./RR TRACKS	8009391	03/25/08	15:54:00	150	Outside rubbish fire, other	Glassboro
FAIRMOUNT DR, Number 32	8008949	03/27/08	14:27:00	611	Dispatched & canceled en route	Glassboro
DALTON DR./CHARLES III DR.	8012921	04/26/08	16:40:00	542	Animal rescue	Glassboro
TYLER LAKE RD, Number 160	8013723	05/04/08	11:56:00	150	Outside rubbish fire, other	Mantua



JONES ST, Number 10	8013875	05/05/08	18:01:00	542	Animal rescue	Mantua
STATE ST, Number 7	8013871	05/05/08	16:52:00	100	Fire, other	Glassboro
Main ST	8015972	05/23/08	13:35:00	700	False alarm or false call, other	Mantua
RT 45/ FRANKLIVILLE RD	8016398	05/27/08	8:45:00	551	Assist police or other governmental agency	Harrison
STATION 10-3	8016597	05/28/08	17:51:00	571	Cover assignment, standby, moveup	Wash Twp
S MAIN ST, Number 20	8017723	06/07/08	13:08:00	700	False alarm or false call, other	Glassboro
Main ST, Number 930	8018910	06/16/08	14:26:00	445	Arcing, shorted electrical equipment	Mantua
LAMBS RD, Number 488	8020953	07/04/08	1:26:00	111	Building fire	Mantua
OVERBROOK AVE, Number 321	8021377	07/07/08	14:23:00	611	Dispatched & canceled en route	Glassboro
STATION 9-4 (DELSEA DR.)	8021622	07/09/08	12:11:00	571	Cover assignment, standby, moveup	Deptford
LAMBS RD./WOODBURY RD.	8022228	07/14/08	23:21:00	463	Vehicle accident, general cleanup	Mantua
Station 10-3	8022682	07/19/08	5:38:00	571	Cover assignment, standby, moveup	Wash Twp
WILLIS AVE, Number 730	8022754	07/19/08	16:12:00	551	Assist police or other governmental agency	Glassboro
Lambs RD, Number 692	8023049	07/22/08	2:09:00	700	False alarm or false call, other	Mantua
Lambs RD, Number 692	8023176	07/23/08	2:06:00	700	False alarm or false call, other	Mantua
MULLICA HILL RD, Number 515, Room D	8023528	07/25/08	16:53:00	111	Building fire	Glassboro
LAMBS RD./ MAIN ST.	8024126	07/30/08	21:33:00	551	Assist police or other governmental agency	Mantua
GREENTREE RD, Number 301	8024943	08/07/08	16:27:00	611	Dispatched & canceled en route	Glassboro
ALMONESSON RD/ CLENTS BRIDGE R	8025928	08/14/08	21:30:00	551	Assist police or other governmental agency	Deptford
LAMBS RD, Number 536	8026372	08/18/08	14:13:00	700	False alarm or false call, other	Mantua
S MAIN ST, Number 20	8026443	08/19/08	4:02:00	611	Dispatched & canceled en route	Glassboro
HURFFVILLE RD/ DELSEA DR	8026573	08/20/08	17:08:00	551	Assist police or other governmental agency	Deptford
Chestnut Run Stream	8027987	09/02/08	18:35:00	100	Fire, other	Mantua
Kings Highway	8028300	09/05/08	11:47:00	571	Cover assignment, standby, moveup	W. Deptford
N ACADEMY ST, Number 40, Room 2ND FLOOR	8029152	09/12/08	16:14:00	611	Dispatched & canceled en route	Glassboro
LAMBS RD, Number 360	8029673	09/17/08	6:59:00	700	False alarm or false call, other	Mantua
MAIN ST, Number 1070	8030325	09/23/08	10:39:00	611	Dispatched & canceled en route	Mantua
PARASOL PL/ BANKBRIDGE RD.	8030760	09/27/08	7:40:00	444	Power line down	Deptford
N MAIN ST, Number 212	8031362	10/02/08	15:29:00	700	False alarm or false call, other	Glassboro
DEPTFORD RD/ HURFFVILLE RD.	8031554	10/04/08	18:01:00	611	Dispatched & canceled en route	Deptford
MULLICA HILL RD, Number 540	8033301	10/21/08	5:38:00	531	Smoke or odor removal	Glassboro
E PINEY HOLLOW RD, Number 501	8033531	10/23/08	15:45:00	150	Outside rubbish fire, other	Franklin
BRIDGETON PIKE, Number 710	8034171	10/28/08	20:03:00	611	Dispatched & canceled en route	Mantua
LAMBS RD/BETHEL MILL RD	8034061	10/28/08	9:00:00	551	Assist police or other governmental agency	Mantua
N. BROAD STREET	8034314	10/30/08	10:32:00	551	Assist police or other governmental agency	Woodbury

CLEMENTS BRIDGE RD, Number 1300	8035047	11/05/08	10:56:00	551	Assist police or other governmental agency	Deptford
HIGH ST, Number 244	8035565	11/10/08	6:13:00	352	Extrication of victim(s) from vehicle	Glassboro
S DELSEA DR, Number 308	8036008	11/15/08	22:13:00	551	Assist police or other governmental agency	Glassboro
Station 21-1	8036247	11/16/08	9:15:00	424	Carbon monoxide incident	Gibbstown
FOAL TRL	8036996	11/23/08	21:34:00	571	Cover assignment, standby, moveup	Glassboro
STATION 10-3	8036993	11/23/08	21:03:00	571	Cover assignment, standby, moveup	Wash Twp
SARATOGA WAY, Number 14	8037121	11/25/08	8:40:00	531	Smoke or odor removal	Glassboro
ARBOUR LANE	8037381	11/27/08	17:24:00	700	False alarm or false call, other	Glassboro
LAMBS RD, Number 692	8038177	12/05/08	1:33:00	100	Fire, other	Mantua
Station 22-4 AVE	8038179	12/05/08	1:38:00	571	Cover assignment, standby, moveup	Mantua
WOODBURY RD, Number 701	8038384	12/07/08	0:01:00	100	Fire, other	Mantua
N DELSEA DR, Number 618	8039498	12/17/08	14:15:00	100	Fire, other	Glassboro
BRIGETON PIKE/JACKSON RD	8039636	12/18/08	19:16:00	551	Assist police or other governmental agency	Mantua
Greentree and Pitman Downer RD	8039955	12/21/08	13:23:00	445	Arcing, shorted electrical equipment	Wash Twp
RT. 47/ HURFVILLE ROAD	8039941	12/21/08	11:39:00	551	Assist police or other governmental agency	Deptford
DELSEA DR, Number 1050	8040536	12/26/08	17:55:00	100	Fire, other	Glassboro
Station 10-3	8041116	12/31/08	18:18:00	571	Cover assignment, standby, moveup	Wash Twp

## 2009 Mutual Aid Responses

<u>ADDRESS</u>	<u>INCIDENT #</u>	<u>DATE</u>	<u>TIME</u>	<u>CODE</u>	<u>SITUATION</u>	<u>District</u>
ELLIS ST, Number 737	9000702	01/07/09	18:02:48	551	Assist police or other governmental agency	Glassboro
TRISTRAM CIR, Number 1166	9001102	01/11/09	9:23:00	111	Building fire	Mantua
TRSITRAM CIR, Number 1166	9001174	01/12/09	3:02:00	111	Building fire	Mantua
BREAKNECK RD, Number 160	9001743	01/17/09	4:47:41	551	Assist police or other governmental agency	Mantua
N DELSEA DR, Number 120	9001845	01/17/09	21:24:33	700	False alarm or false call, other	Glassboro
S ACADEMY ST	9001840	01/17/09	20:47:45	352	Extrication of victim(s) from vehicle	Glassboro
UNIVERSITY BLVD, Number 202	9001881	01/18/09	6:36:00	111	Building fire	Glassboro
HURFVILLE RD, Number 262	9002144	01/20/09	14:36:00	571	Cover assignment, standby, moveup	Wash Twp
NOVACK DR, Number 120	9002432	01/22/09	23:52:31	571	Cover assignment, standby, moveup	Mantua
CARPENTER ST, Number 52	9002998	01/27/09	16:10:10	611	Dispatched & canceled en route	Glassboro
BRIDGETON PIKE, Number 770	9005515	02/18/09	15:21:07	611	Dispatched & canceled en route	Mantua
Foal Trail, Number 8	9006222	02/25/09	11:35:00	700	False alarm or false call, other	Mantua
Station 10-3	9006199	02/25/09	8:22:00	571	Cover assignment, standby, moveup	Wash Twp
BREAKNECK RD	9007309	03/07/09	13:08:25	551	Assist police or other governmental agency	Mantua
DELSEA DR	9007761	03/11/09	11:11:00	611	Dispatched & canceled en route	Glassboro
GEORGETOWN RD, Number 103	9009184	03/24/09	17:54:47	611	Dispatched & canceled en route	Glassboro
LAMBS RD, Number 496	9009283	03/25/09	17:39:25	114	Chimney or flue fire, confined to chimney or flue	Mantua
150 HOLLYBUSH APPARTMENTS, Number 150	9009543	03/28/09	6:02:19	611	Dispatched & canceled en route	Glassboro
CREEK DR, Number 204	9010031	04/01/09	15:13:26	111	Building fire	Mantua
MANTUA BLVD	9010820	04/08/09	17:14:45	611	Dispatched & canceled en route	Mantua
ELLIS ST, Number 737	9010886	04/09/09	10:55:15	611	Dispatched & canceled en route	Glassboro
JARRELL AVE, Number 23	9012457	04/23/09	22:18:14	321	EMS call, excluding vehicle accident with injury	Glassboro
ROUTE 322	9012446	04/23/09	22:27:53	551	Assist police or other governmental agency	Glassboro
S MAIN ST, Number 20	9012430	04/23/09	16:25:12	611	Dispatched & canceled en route	Glassboro
STATION 26-1	9012447	04/23/09	20:40:33	571	Cover assignment, standby, moveup	Glassboro
S DELSEA DR, Number 100	9013151	04/29/09	12:15:27	611	Dispatched & canceled en route	Glassboro
MORNING DOVE CIR, Number 421	9013904	05/06/09	8:28:41	700	False alarm or false call, other	Mantua
CENTER ST, Number 482	9015839	05/23/09	5:16:47	111	Building fire	Mantua
EGG HARBOR RD	9016092	05/25/09	14:15:00	551	Assist police or other governmental agency	Wash Twp
HOLLY ST, Number 301	9016953	06/02/09	7:44:08	611	Dispatched & canceled en route	Glassboro
E HIGH ST, Number 27	9017158	06/03/09	23:52:20	571	Cover assignment, standby, moveup	Glassboro

BRIDGETON PIKE, Number 400	9017723	06/09/09	10:28:23	111	Building fire	Mantua
COUNTY HOUSE RD	9018029	06/12/09	15:34:00	551	Assist police or other governmental agency	Deptford
N DELSEA DR, Number 408	9018518	06/16/09	9:48:02	611	Dispatched & canceled en route	Glassboro
REPAUPO STATION RD, Number 7	9019238	06/22/09	11:25:05	571	Cover assignment, standby, moveup	Logan
N DELSEA DR, Number 100	9021297	07/09/09	17:27:51	611	Dispatched & canceled en route	Glassboro
N DELSEA DR, Number 791	9021396	07/10/09	17:36:26	611	Dispatched & canceled en route	Glassboro
BRIDGETON PIKE	9021775	07/13/09	18:58:13	551	Assist police or other governmental agency	Mantua
HURFVILLE-CROSSKEYS RD, Number 1900	9022110	07/16/09	20:09:36	551	Assist police or other governmental agency	Wash Twp
PEACE LANE, Number 224	9022185	07/17/09	15:54:44	611	Dispatched & canceled en route	Glassboro
N DELSEA DR, Number 1120	9022747	07/22/09	14:55:35	700	False alarm or false call, other	Glassboro
MULLICA HILL RD, Number 515	9023031	07/24/09	21:57:59	551	Assist police or other governmental agency	Glassboro
N MAIN ST	9023149	07/25/09	18:06:28	551	Assist police or other governmental agency	Glassboro
BRIDGETON PIKE, Number 301	9023324	07/27/09	9:49:00	611	Dispatched & canceled en route	Mantua
S CUMMINGS AVE, Number 418	9023343	07/27/09	12:26:01	611	Dispatched & canceled en route	Glassboro
E NEW ST, Number 226	9023473	07/28/09	15:06:17	611	Dispatched & canceled en route	Glassboro
BRIDGETON PIKE	9023542	07/31/09	19:51:06	551	Assist police or other governmental agency	Mantua
STATION 10-3	9024296	08/02/09	13:36:00	571	Cover assignment, standby, moveup	Wash Twp
W HIGH ST, Number 107	9025441	08/12/09	2:04:40	571	Cover assignment, standby, moveup	Clayton
LOCUST CT, Number 426	9025529	08/13/09	13:02:04	442	Overheated motor	Mantua
LANSING DR, Number 271	9026341	08/19/09	14:52:16	111	Building fire	Mantua
STONESHIRE DR, Number 12	9027088	08/25/09	7:34:41	611	Dispatched & canceled en route	Mantua
TACOMA BLVD, Number 789	9028958	09/11/09	13:50:06	551	Assist police or other governmental agency	Deptford
TANYARD RD	9028973	09/11/09	13:17:00	611	Dispatched & canceled en route	Deptford
Station 22-1	9029554	09/15/09	20:57:00	571	Cover assignment, standby, moveup	Mantua
WOODBURY GLASSBORO RD, Number 445	9029552	09/15/09	20:38:03	111	Building fire	Mantua
S MAIN ST, Number 20	9029683	09/16/09	22:51:12	611	Dispatched & canceled en route	Glassboro
LAMBS RD, Number 408	9029870	09/18/09	14:21:04	132	Road freight or transport vehicle fire	Mantua
HICKORY AVE, Number 85	9030121	09/20/09	17:49:00	611	Dispatched & canceled en route	Mantua
MULLICA HILL RD, Number 340	9030187	09/21/09	9:51:02	611	Dispatched & canceled en route	Glassboro
TRISTRAM CIR, Number 1134	9031212	09/29/09	19:16:57	424	Carbon monoxide incident	Mantua
TRISTRAM CIR, Number 1434	9032015	10/06/09	20:08:15	611	Dispatched & canceled en route	Mantua
BLACKWOOD-BARNSBORO RD	9032081	10/07/09	12:20:55	551	Assist police or other governmental agency	Deptford
GRAY FOX CIR, Number 910	9032922	10/14/09	13:35:24	611	Dispatched & canceled en route	Mantua
W HIGH ST, Number 107	9033120	10/16/09	2:35:07	571	Cover assignment, standby, moveup	Clayton
CAPITOL DR, Number 217	9033504	10/19/09	11:04:57	531	Smoke or odor removal	Mantua

MAIN ST	9034138	10/24/09	20:08:19	551	Assist police or other governmental agency	Mantua
LANSING DR, Number 383	9035276	11/03/09	13:29:57	611	Dispatched & canceled en route	Mantua
CENTER ST	9036360	11/12/09	15:25:11	611	Dispatched & canceled en route	Mantua
SNOWY OWL CT, Number 301	9036713	11/15/09	13:53:00	251	Excessive heat, scorch burns with no ignition	Mantua
MULLICA HILL RD, Number 215	9037658	11/24/09	13:18:57	531	Smoke or odor removal	Glassboro
MULLICA HILL RD, Number 545	9038518	12/02/09	16:23:00	442	Overheated motor	Glassboro
Undetermined or Unknown	9038490	12/02/09	9:57:00	571	Cover assignment, standby, moveup	
WOODBURY GLASSBORO RD, Number 485	9039116	12/07/09	18:30:39	611	Dispatched & canceled en route	Mantua
MULLICA HILL RD, Number 201	9039213	12/08/09	17:35:02	611	Dispatched & canceled en route	Glassboro
ADAMS AVE, Number 139	9039524	12/11/09	9:10:02	100	Fire, other	Glassboro
HARRISON AVE	9039494	12/11/09	0:17:53	611	Dispatched & canceled en route	Mantua
MAIN ST	9039760	12/13/09	10:42:08	611	Dispatched & canceled en route	Mantua
WILLIAM DALTON DR	9039804	12/13/09	16:05:13	551	Assist police or other governmental agency	Glassboro
E ESSEX AVE, Number 150	9040150	12/16/09	20:19:03	521	Water evacuation	Mantua
ALMONESSON RD, Number 1500	9040646	12/21/09	5:54:19	551	Assist police or other governmental agency	Deptford
DELSEA DR	9041725	12/29/09	13:29:53	551	Assist police or other governmental agency	Glassboro
FRANKLIN RD, Number 8	9041702	12/29/09	10:26:25	611	Dispatched & canceled en route	Glassboro
TANYARD RD	9041721	12/29/09	14:06:07	551	Assist police or other governmental agency	Deptford

**2010 Mutual Aid Responses**

<u>ADDRESS</u>	<u>INCIDENT #</u>	<u>DATE</u>	<u>TIME</u>	<u>CODE</u>	<u>SITUATION</u>	<u>District</u>
KINGS HWY, Number 935	1001662	01/15/10	11:06:00	551	Assist police or other governmental agency	W. Deptford
N DELSEA DR, Number 834	1001702	01/15/10	15:37:00	531	Smoke or odor removal	Glassboro
S ACADEMY ST, Number 505	1001863	01/16/10	23:24:00	150	Outside rubbish fire, other	Glassboro
MEMORIAL CIR, Number 350	1002014	01/18/10	9:28:00	651	Smoke scare, odor of smoke	Glassboro
MACCLELLAND AVE, Number 234	1002367	01/21/10	12:48:00	700	False alarm or false call, other	Glassboro
MEADOW CT, Number 50	1002712	01/24/10	18:07:00	611	Dispatched & canceled en route	Mantua
BREAKNECK RD, Number 300	1002874	01/25/10	11:14:00	700	False alarm or false call, other	Mantua
MAIN ST, Number 405	1002870	01/25/10	11:06:00	611	Dispatched & canceled en route	Mantua
OAKWOOD AVE, Number 327	1003323	01/28/10	16:01:00	611	Dispatched & canceled en route	Glassboro
FAIRMOUNT DR, Number 36	1003766	02/01/10	15:39:00	611	Dispatched & canceled en route	Glassboro
S ACADEMY ST, Number 1111	1003697	02/01/10	2:16:00	571	Cover assignment, standby, moveup	Clayton
Mount Claire Ave	1004145	02/04/10	1:58:00	571	Cover assignment, standby, moveup	Clayton
UNION AVE	1004132	02/04/10	17:05:00	571	Cover assignment, standby, moveup	Mantua
CRESENT HOLLOW DR, Number 131	1004601	02/08/10	13:52:00	100	Fire, other	Mantua
BREAKNECK RD, Number 413	1005444	02/14/10	12:11:00	611	Dispatched & canceled en route	Mantua
New Castle FD	1000000	02/20/10	3:20:00	571	Cover assignment, standby, moveup	Wilmington
CENTER ST, Number 360	1006659	02/25/10	11:56:00	100	Fire, other	Mantua
S MAIN ST, Number 20	1007027	02/28/10	23:34:00	100	Fire, other	Glassboro
HURFVILLE RD/DEPTFOR CENTER RD	1007838	03/08/10	19:35:00	551	Assist police or other governmental agency	Deptford
JEFFERSON RD, Number 562	1007873	03/08/10	21:22:00	551	Assist police or other governmental agency	Mantua
REDMOND AVE, Number 100	1007912	03/09/10	9:56:00	100	Fire, other	Glassboro
UNIVERSITY BLVD, Number 106	1007938	03/09/10	15:50:00	611	Dispatched & canceled en route	Glassboro
GLASSBORO RD/WOODCREEK RD	1009068	03/17/10	18:39:00	551	Assist police or other governmental agency	Mantua
ORCHARD LANE, Number 105	1009615	03/22/10	9:54:40	611	Dispatched & canceled en route	Glassboro
FOX RUN RD/DELSEA DR	1009913	03/25/10	10:17:00	551	Assist police or other governmental agency	Deptford
MANTUA BLVD, Number 265	1010178	03/27/10	20:38:00	611	Dispatched & canceled en route	Mantua
STATION 23-2	1010570	03/31/10	10:01:00	611	Dispatched & canceled en route	Harrison
BROXTON WAY, Number 15	1012711	04/19/10	11:25:00	611	Dispatched & canceled en route	Mantua
VIRGINA RD, Number 16	1012685	04/19/10	7:40:00	100	Fire, other	Glassboro
S ACADEMY ST, Number 104	1014607	05/05/10	17:21:00	611	Dispatched & canceled en route	Glassboro

E WARREN AVE, Number 120	1014991	05/08/10	15:39:00	611	Dispatched & canceled en route	Mantua
LINDEN AVE, Number 118	1015753	05/14/10	19:40:00	814	Lightning strike (no fire)	Mantua
E HIGH ST, Number 275	1016173	05/18/10	4:14:00	611	Dispatched & canceled en route	Glassboro
PIERRE AVE, Number 649	1016244	05/18/10	19:13:00	100	Fire, other	Mantua
LAMBS RD, Number 568	1016705	05/22/10	16:56:00	111	Building fire	Mantua
DEERFIELD CIR, Number 67	1016860	05/23/10	20:31:00	611	Dispatched & canceled en route	Mantua
LAMBS RD, Number 568	1016758	05/23/10	2:57:00	111	Building fire	Mantua
N CAMPUS DR, Number 401	1016901	05/24/10	7:38:00	531	Smoke or odor removal	Glassboro
HURFVILLE RD, Number 1900	1017389	05/28/10	9:33:00	551	Assist police or other governmental agency	Deptford
MEADOW CT, Number 25	1017904	06/01/10	13:23:00	611	Dispatched & canceled en route	Mantua
CRESTMONT DR, Number 152	1018218	06/04/10	10:21:00	611	Dispatched & canceled en route	Mantua
WOODCHUCK WAY, Number 204	1018660	06/07/10	19:51:00	700	False alarm or false call, other	Mantua
DELSEA DR./EAST HOLLY AVE	1019423	06/14/10	11:56:00	551	Assist police or other governmental agency	Wash Twp
HORSESHOE DR, Number 116	1019470	06/14/10	19:03:00	611	Dispatched & canceled en route	Mantua
HARDING AVE, Number 212	1019554	06/15/10	16:41:00	611	Dispatched & canceled en route	Mantua
BEACH HILL DR, Number 101	1020244	06/21/10	18:52:00	342	Search for person in water	National Park
BEACH HILL DR, Number 101	1020310	06/22/10	8:40:00	342	Search for person in water	National Park
PARK CREST VILLIAGE APTS, Number 114, Room 3	1020417	06/22/10	22:05:00	571	Cover assignment, standby, moveup	Glassboro
CAMPUS CROSSINGS	1020718	06/24/10	16:28:00	100	Fire, other	Glassboro
PINTAIL DR, Number 42	1020747	06/24/10	16:54:00	700	False alarm or false call, other	Mantua
PITMAN RD/BARNSBORO RD	1020780	06/24/10	18:02:00	611	Dispatched & canceled en route	Mantua
BREAKNECK RD	1020899	06/25/10	12:05:00	611	Dispatched & canceled en route	Mantua
TIMBERCREST DR, Number 34	1021045	06/26/10	13:51:00	611	Dispatched & canceled en route	Mantua
TRUMAN AVE, Number 301	1021289	06/28/10	13:24:00	611	Dispatched & canceled en route	Mantua
MARTEL ST, Number 19	1021448	06/29/10	15:39:00	611	Dispatched & canceled en route	Mantua
WOODBURY GLASSBORO RD, Number 429	1022912	07/11/10	21:15:00	700	False alarm or false call, other	Mantua
LINCOLN AVE, Number 106	1023217	07/14/10	12:36:00	700	False alarm or false call, other	Mantua
CAPE MAY AVE, Number 47	1023506	07/16/10	17:36:00	112	Fires in structures other than in a building	Mantua
E NEW ST, Number 215	1023976	07/20/10	12:42:00	611	Dispatched & canceled en route	Glassboro
E MONROE AVE, Number 108	1024344	07/23/10	13:16:00	611	Dispatched & canceled en route	Mantua
SANTA FE DR, Number 681	1024699	07/25/10	17:40:00	611	Dispatched & canceled en route	Mantua
TRISTRAM CIR, Number 1106	1025305	07/30/10	21:18:00	611	Dispatched & canceled en route	Mantua
WILLOW BEND DR, Number 13	1025734	08/03/10	19:40:00	611	Dispatched & canceled en route	Mantua
DELSEA DR/FOX RUN RD	1027330	08/17/10	21:19:00	611	Dispatched & canceled en route	Deptford
MT ROYAL RD/ RT 45	1027335	08/17/10	21:21:00	551	Assist police or other governmental agency	Mantua

BLACKWOOD BARNSBORO RD/COUNTY	1027813	08/22/10	17:52:00	611	Dispatched & canceled en route	Deptford
BRIGETON PKE/WALNUT LN	1027817	08/22/10	18:01:00	551	Assist police or other governmental agency	Mantua
JACKSON RD, Number 697	1027814	08/22/10	17:50:00	444	Power line down	Mantua
BRIGETON PIKE, Number 222	1029332	09/04/10	9:50:00	100	Fire, other	Mantua
OAKWOOD RD, Number 215	1029680	09/07/10	12:39:00	611	Dispatched & canceled en route	Glassboro
HIGGINS DR, Number 54	1030451	09/13/10	13:02:00	611	Dispatched & canceled en route	Glassboro
WOODMONT CT, Number 7	1030938	09/17/10	6:47:00	611	Dispatched & canceled en route	Mantua
DELSEA DR, Number 3021	1031492	09/22/10	0:11:00	571	Cover assignment, standby, moveup	Clayton
ELLIS ST, Number 600	1033046	10/04/10	7:24:00	100	Fire, other	Glassboro
JACKSON RD, Number 300	1033340	10/06/10	18:05:00	611	Dispatched & canceled en route	Mantua
GOLF CLUB RD, Number 114	1033719	10/09/10	18:47:00	611	Dispatched & canceled en route	Mantua
COLOSSEUM DR, Number 13	1033754	10/10/10	2:34:00	100	Fire, other	Mantua
BOWE BLVD, Number 550	1034182	10/13/10	16:40:00	611	Dispatched & canceled en route	Glassboro
RT 45/OGDEN STATION RD	1034190	10/13/10	19:14:00	611	Dispatched & canceled en route	W. Deptford
RUTH AVE, Number 252	1034253	10/14/10	8:23:00	111	Building fire	Glassboro
E HIGH ST, Number 275	1035804	10/27/10	15:52:00	611	Dispatched & canceled en route	Glassboro
MANTUA PIKE/OGDEN RD	1035764	10/27/10	12:07:00	551	Assist police or other governmental agency	Deptford
N MAIN ST, Number 203	1037233	11/09/10	9:52:00	551	Assist police or other governmental agency	Glassboro
DELSEA DR/TACOMA BLVD	1037349	11/10/10	10:05:00	551	Assist police or other governmental agency	Deptford
TANYARD RD, Number 1400	1037363	11/10/10	13:13:00	551	Assist police or other governmental agency	Deptford
N DELSEA DR, Number 1100	1037552	11/11/10	17:46:00	611	Dispatched & canceled en route	Clayton
CREEK LANE, Number 34	1037957	11/15/10	13:58:00	111	Building fire	Mantua
DELSEA DR, Number 3052	1038007	11/15/10	22:33:00	571	Cover assignment, standby, moveup	Clayton
DELSEA DR/BRENNER AVE	1038153	11/17/10	7:26:00	551	Assist police or other governmental agency	Deptford
DEERFIELD CIR, Number 12	1038384	11/19/10	7:29:00	611	Dispatched & canceled en route	Mantua
Deerfield CIR, Number 12	1038365	11/20/10	7:29:00	111	Building fire	Mantua
WOODBURY RD, Number 1705	1038634	11/21/10	6:03:00	100	Fire, other	Mantua
WOODBURY RD, Number 675	1038619	11/21/10	1:51:00	611	Dispatched & canceled en route	Mantua
JEFFERSON RD, Number 410	1039345	11/27/10	10:27:00	611	Dispatched & canceled en route	Mantua
FOREST CT, Number 99	1039521	11/29/10	5:48:00	611	Dispatched & canceled en route	Mantua
ORCHARD LANE, Number 121	1039920	12/02/10	17:39:00	611	Dispatched & canceled en route	Glassboro
MANTUA BLVD, Number 730, Room D	1040033	12/03/10	17:04:00	611	Dispatched & canceled en route	Mantua
BUCKINGHAM DR, Number 506	1040278	12/05/10	19:05:00	551	Assist police or other governmental agency	Mantua
DELSEA DR/BRENNER AVE	1040359	12/06/10	14:28:00	551	Assist police or other governmental agency	Deptford
EWAN RD, Number 325	1040602	12/08/10	13:30:00	531	Smoke or odor removal	Harrison



STATION 23-1	1040597	12/08/10	12:52:00	571	Cover assignment, standby, moveup	Harrison
FOX RUN RD/GOOD INTENT RD	1041228	12/13/10	22:24:00	551	Assist police or other governmental agency	Deptford
CENTER ST, Number 444	1041956	12/19/10	16:46:00	611	Dispatched & canceled en route	Mantua
RABBIT RUN RD, Number 137	1042198	12/21/10	22:32:00	611	Dispatched & canceled en route	Mantua
STATION 10-3	1042431	12/24/10	6:09:00	571	Cover assignment, standby, moveup	Wash Twp
STATION 10-3	1042524	12/24/10	23:53:00	571	Cover assignment, standby, moveup	Wash Twp
AUTUMN RIDGE DR, Number 23	1042882	12/27/10	16:40:00	100	Fire, other	Glassboro

**2011 Mutual Aid Responses**

<u>ADDRESS</u>	<u>INCIDENT #</u>	<u>DATE</u>	<u>TIME</u>	<u>CODE</u>	<u>SITUATION</u>	<u>District</u>
CHURCH ST, Number 1	1100105	01/01/11	19:30:00	111	Building fire	Glassboro
STATION 26-1	1100106	01/01/11	19:30:00	571	Cover assignment, standby, moveup	Glassboro
STATION 10-3	1100625	01/06/11	6:24:00	571	Cover assignment, standby, moveup	Wash Twp
N DELSEA DR, Number 408	1100839	01/07/11	21:24:00	551	Assist police or other governmental agency	Glassboro
STATION 41-1	1100840	01/07/11	21:00:00	571	Cover assignment, standby, moveup	Clayton
STATION 43-5	1100753	01/07/11	6:53:00	571	Cover assignment, standby, moveup	Franklin
BALDWIN RD, Number 208	1101336	01/12/11	12:17:00	611	Dispatched & canceled en route	Glassboro
MARATHON DR, Number 24	1101416	01/13/11	7:38:00	611	Dispatched & canceled en route	Mantua
PINEBROOK DR, Number 223	1101519	01/14/11	4:14:00	611	Dispatched & canceled en route	Mantua
COLUMBUS DR, Number 277	1101992	01/18/11	5:17:00	551	Assist police or other governmental agency	Mantua
OAK ST, Number 5	1102519	01/22/11	22:07:00	571	Cover assignment, standby, moveup	Glassboro
DEPTFORD RD, Number 23	1102853	01/25/11	9:06:00	611	Dispatched & canceled en route	Glassboro
HURFVILLE 10-3	1103265	01/28/11	8:05:00	571	Cover assignment, standby, moveup	Wash Twp
KINGS HWY/PARKVILLE STATION RD	1103386	01/28/11	0:33:00	611	Dispatched & canceled en route	W. Deptford
MANTUA AVE, Number 487	1103644	01/31/11	7:24:00	611	Dispatched & canceled en route	Mantua
BULL RUN BRIDGE/WASH TWP LINE	1103789	02/01/11	8:31:00	611	Dispatched & canceled en route	Deptford
Port of Wilmington, Delaware	9999999	02/05/11	2:30:00	422	Chemical spill or leak	Wilmington
E HIGH ST, Number 55	1104572	02/08/11	6:11:00	111	Building fire	Glassboro
STATION 41-1	1104573	02/08/11	5:59:00	611	Dispatched & canceled en route	Clayton
BISMARCK CT, Number 627	1105073	02/12/11	12:43:00	611	Dispatched & canceled en route	Mantua
SNOWY OWL CT, Number 301	1105224	02/13/11	18:23:00	611	Dispatched & canceled en route	Mantua
MULLICA HILL RD, Number 237	1105454	02/15/11	16:09:00	111	Building fire	Glassboro
HARDING HWY / BREWSTER RD	1105932	02/19/11	12:56:00	611	Dispatched & canceled en route	Buena
STATION 23-2	1106269	02/21/11	20:51:00	571	Cover assignment, standby, moveup	Harrison
MANTUA BLVD, Number 591	1106850	02/26/11	16:49:00	100	Fire, other	Mantua
HERITAGE RD, Number 330	1107062	02/28/11	13:23:00	111	Building fire	Mantua
STATION 26-1	1107219	03/01/11	22:53:00	571	Cover assignment, standby, moveup	Glassboro
ELK RD / HARDINGVILLE RD	1107371	03/03/11	12:36:00	611	Dispatched & canceled en route	Glassboro
WHIPPOORWILL WAY, Number 1	1108198	03/10/11	18:38:00	611	Dispatched & canceled en route	Mantua
TRISTRAM CIR, Number 1410	1108668	03/14/11	17:51:00	111	Building fire	Mantua

WOLFERT STATION RD / COLSON LN	1111728	03/21/11	15:35:00	551	Assist police or other governmental agency	Harrison
S DELSEA DR, Number 17	1109555	03/22/11	9:08:00	111	Building fire	Glassboro
200 Hurville -Grenloch RD	1109725	03/23/11	19:29:00	700	False alarm or false call, other	Wash Twp
DEVONSHIRE DR, Number 511	1110342	03/29/11	11:16:00	611	Dispatched & canceled en route	Mantua
MEADOW LARK AVE, Number 65	1110822	04/02/11	13:10:00	611	Dispatched & canceled en route	Mantua
RT 45 / EVERGREEN AVE	1111012	04/04/11	1:02:00	551	Assist police or other governmental agency	Woodbury
E HIGH ST, Number 275, Room D-61	1111800	04/11/11	8:27:00	111	Building fire	Glassboro
FORDHAM PL, Number 815	1113599	04/25/11	17:09:00	611	Dispatched & canceled en route	Mantua
FRANKLIN AVE, Number 134	1113690	04/26/11	8:22:00	611	Dispatched & canceled en route	Glassboro
BRIDGETON PIKE, Number 400	1114726	05/05/11	3:33:00	611	Dispatched & canceled en route	Mantua
REDMOND AVE, Number 100	1115515	05/11/11	16:49:00	111	Building fire	Glassboro
BRIDGETON PIKE, Number 542	1117022	05/23/11	19:46:00	111	Building fire	Mantua
APPLE TREE CT, Number 4	1117130	05/24/11	15:24:00	111	Building fire	Mantua
FRANKLIN RD, Number 315	1117730	05/28/11	22:24:00	111	Building fire	Glassboro
STATION 41-1	1118535	06/03/11	20:51:00	611	Dispatched & canceled en route	Clayton
WHITNEY AVE, Number 331	1119155	06/08/11	13:53:00	111	Building fire	Glassboro
CAMDEN CITY	1119338	06/09/11	17:41:00	571	Cover assignment, standby, moveup	Camden
S DELSEA DR, Number 210	1119351	06/09/11	19:27:00	611	Dispatched & canceled en route	Glassboro
GOSLING WAY, Number 318	1119669	06/11/11	15:48:00	611	Dispatched & canceled en route	Mantua
HIGGINS DR, Number 300	1119670	06/11/11	15:51:00	700	False alarm or false call, other	Glassboro
TRISTRAM CIR, Number 1314	1119834	06/12/11	14:08:00	611	Dispatched & canceled en route	Mantua
ELLIS ST, Number 600	1120013	06/13/11	20:00:00	700	False alarm or false call, other	Glassboro
VERMILLION LANE, Number 201	1121031	06/21/11	17:03:00	111	Building fire	Glassboro
RIVER DR/SIXTH AVE	1121588	06/25/11	17:12:00	571	Cover assignment, standby, moveup	Westville
CENTER ST, Number 160	1121718	06/26/11	16:48:00	611	Dispatched & canceled en route	Mantua
MANTUA TWP 22-1	1122710	07/04/11	16:31:00	571	Cover assignment, standby, moveup	Mantua
W CLINTON ST, Number 48	1122642	07/04/11	1:13:00	571	Cover assignment, standby, moveup	Mantua
Wenonah AVE, Number 339	1122208	07/04/11	15:25:00	111	Building fire	Mantua
WENONAH AVE, Number 347	1122708	07/04/11	15:25:00	100	Fire, other	Mantua
PITMAN RD / JEFFERSON RD	1123763	07/12/11	0:03:00	551	Assist police or other governmental agency	Mantua
STANGER CT, Number 22	1124002	07/14/11	4:57:00	571	Cover assignment, standby, moveup	Glassboro
Station 10-3	1124379	07/17/11	9:41:00	571	Cover assignment, standby, moveup	Wash Twp
LANSING DR, Number 299	1124587	07/18/11	20:23:00	611	Dispatched & canceled en route	Mantua
N DELSEA DR, Number 698	1125564	07/25/11	15:18:00	111	Building fire	Glassboro
MULLICA HILL RD, Number 515, Room A BUILD	1125723	07/26/11	20:51:00	700	False alarm or false call, other	Glassboro

MULLICA HILL RD, Number 515, Room B BUILD	1125713	07/26/11	19:42:00	111	Building fire	Glassboro
CENTER ST, Number 421	1129075	08/19/11	19:49:00	111	Building fire	Mantua
ROSEWOOD LANE, Number 10	1129005	08/19/11	10:01:00	111	Building fire	Mantua
TWIN LAKES DR, Number 230	1129224	08/20/11	23:51:00	111	Building fire	Mantua
ELLIS ST, Number 600	1129430	08/22/11	17:35:00	421	Chemical hazard (no spill or leak)	Glassboro
SYLAN TER, Number 108	1129474	08/22/11	22:40:00	651	Smoke scare, odor of smoke	Mantua
EUCLID AVE, Number 119	1129809	08/25/11	12:52:00	111	Building fire	Glassboro
WOOLWICH TWP FD	1132098	09/01/11	12:52:00	571	Cover assignment, standby, moveup	Woolwich
WHITNEY AVE, Number 300	1133469	09/10/11	18:32:00	611	Dispatched & canceled en route	Glassboro
PARK CREST VILLAGE, Number 412	1135787	09/28/11	17:56:00	611	Dispatched & canceled en route	Glassboro
FISH POND RD/ WASHINGTON TWP L	1135888	09/29/11	14:38:00	551	Assist police or other governmental agency	Glassboro
N NEW ST, Number 815	1136328	10/02/11	16:40:00	571	Cover assignment, standby, moveup	Mantua
ROSEWOOD LANE, Number 10	1136598	10/04/11	19:59:00	611	Dispatched & canceled en route	Mantua
BARNSBORO RD, Number 111	1136692	10/05/11	15:58:00	111	Building fire	Mantua
OSPREY CT, Number 1	1137091	10/08/11	19:37:00	571	Cover assignment, standby, moveup	Mantua
GREENWOOD AVE, Number 2	1139397	10/26/11	19:15:00	445	Arcing, shorted electrical equipment	Mantua
STATION 10-1	1138946	10/26/11	18:00:00	571	Cover assignment, standby, moveup	Wash Twp
TIMBERCREST DR, Number 82	1141206	11/09/11	18:05:00	111	Building fire	Mantua
CRESENT DR, Number 2205	1141695	11/13/11	14:40:00	142	Brush, or brush and grass mixture fire	Mantua
LINCOLN AVE, Number 116	1142767	11/22/11	7:26:00	111	Building fire	Mantua
STANGER AVE, Number 420	1142833	11/22/11	17:04:00	611	Dispatched & canceled en route	Glassboro
WHIPPOORWILL WAY, Number 177	1143508	11/28/11	13:35:00	611	Dispatched & canceled en route	Mantua
BRIDGETON PIKE, Number 657	1143683	11/29/11	18:48:00	111	Building fire	Mantua
BRIDGETON PIKE, Number 646	1144084	12/03/11	1:35:00	111	Building fire	Mantua
REDMOND AVE, Number 100	1144797	12/08/11	17:23:00	571	Cover assignment, standby, moveup	Glassboro
HERITAGE RD/JACKSON RD	1144968	12/10/11	1:46:00	551	Assist police or other governmental agency	Mantua
JACKSON RD, Number 291	1145355	12/13/11	6:50:00	611	Dispatched & canceled en route	Mantua
OVERBROOK AVE, Number 325	1145343	12/13/11	2:51:00	111	Building fire	Glassboro
STATION 261	1145344	12/13/11	2:43:00	571	Cover assignment, standby, moveup	Glassboro
S DELSEA DR, Number 133	1146807	12/25/11	8:15:00	611	Dispatched & canceled en route	Glassboro
S DELSEA DR, Number 133	1146806	12/25/11	8:21:00	111	Building fire	Glassboro